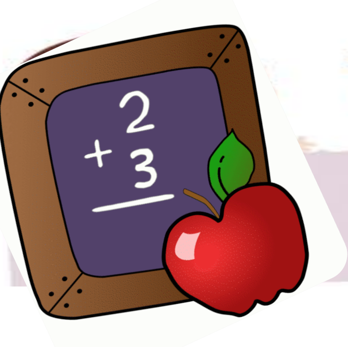






Model Exam (1)

Question 1:

- **Find:**

a- 9418517 – 3645804 = ……………………………

b- $\frac{1}{2}$ Milliard= ……………………….

c- 3060 ÷ 15 = …………………………

d- ………… ÷ 56 = 34

e- The value of 8 in 234 583 915 is ………………………

f- ………. + 3 256 712 = 7 807 300

g- The 2 diagonals are perpendicular in………………and…………….

h- 14 288 305 is read as……………………

Question 2:

A- Put (✓) or (✗) and correct the wrong statement:

a- The measure of the straight angle = the sum of the measure of the interior angles of a triangle. (   )

b- If 56 × 23= 1288, then 1288 ÷ 23 = 56 (   )

c- The place value of 7 in the number 7852316 is 7000000 (   )

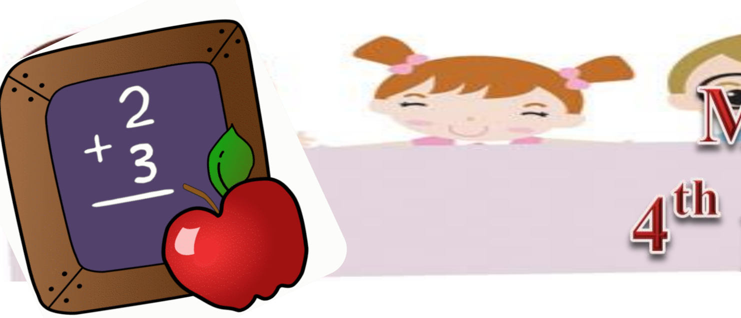
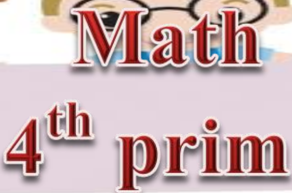
d- Each two opposite sides are parallel in the square (   )

e- Any quadrilateral has 4 diagonals. (   )

f- There can be two right angles in one triangle (   )







Question 3:

- **Choose the correct answer:**

a- 5000 + 3000 = ……………………..

(800 tens – 80000 – 8000000)

b- Ten million and four hundred eighty two thousand = ……………………..

(10408000 – 10482000 – 10482)

c- 8 × 125 × 641 = ……………………..

(641 Thousands – 641 Hundreds – 641 Millions)

d- One milliard is the smallest number consists of …….. digit

(9 – 10 – 7)

e- The two perpendicular straight lines form 4 ………… angles.

(Right – obtuse – Acute)

f- Number of sides of any polygon doesn't equal number of ………………

(Diagonals – angles – vertices)

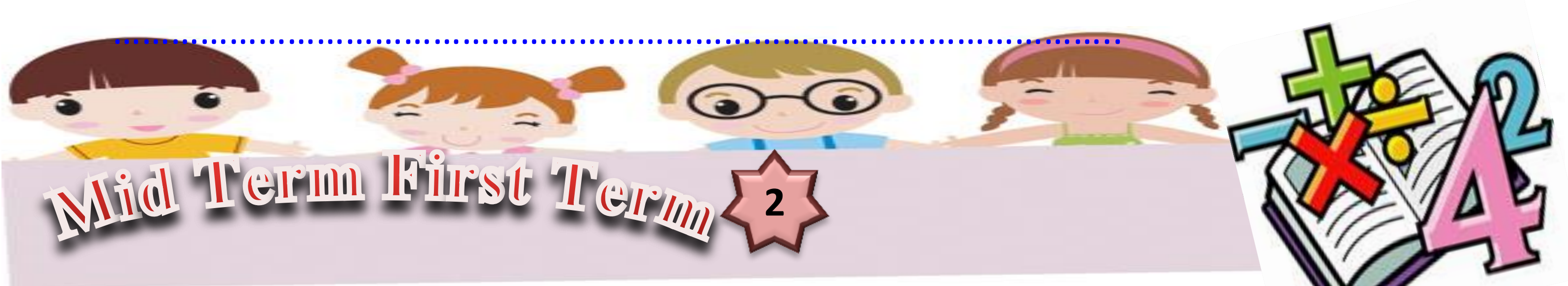
Question 4:

A) Adel bought a flat in a housing tower for L.E 74720 he paid L.E 20000 as a down payment and the rest on12 equal installments; find the value of each installment

……

……

……………………………………………………………………………………………







B) Arrange in descending order:

763 219 , 7 00 Th , 635 Th + 462 , 9 million

……………… , ……………… , ……………… , ………………

Question 5:

Complete:-

a- Any triangle has at least ………… acute angles.

b- The triangle has ………….. sides , but the octagon has …………… sides.

c- The 2 diagonals are perpendicular in ………….. and ……………

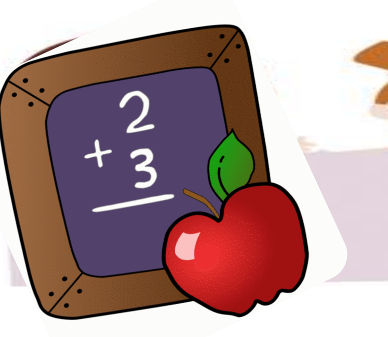
d- 14 288 305 is read as ………………………………………………………

Question 6:

Draw △ ABC in which AB = 5 cm, m (∠ B) = 60° and BC = 5 cm then find:

a- The length of $\overline{AC}$.

b- The type of the triangle according to its side lengths and angles .







Model Exam (2)

Question 1:

- **Complete:**

a- The two diagonals of the square are ………… , …………… and bisect each others.

b- 725360218 = ………………………… + …………………… + ………………

c- 468519335 – ………………….. = 199278

d- 2 × 33 × 50 = …………………

e- The……………..has 8 vertices and the…………..has 6 angles.

f- 37 million + 420 thousand + 49 = ………………………..

g- The triangle whose sides are 5cm , 8cm , 5cm is called ……………… triangle

h- In the acute angled triangle all the angles are …………………..

Question 2:

- **Find the result of:**

a- Subtract 325741 from 8000000

b- 7359 × 14 = ………………………………

c- 126100 ÷ 26 = …………………………………

d- The greatest 7-digit number – 1 = …………………………………

e- 253 ÷ ……….. = 11



Question 3:

A) Choose the correct answer:

a- Forty seven million , two thousand and eleven = …………………..

(407 200 011 – 47 002 011 – 4 702 200 110)

b- The place value of the digit 0 in 40 735 126 is ……..

(millions – ten thousands – hundred thousands)

c- $3\frac{1}{4}$ Milliards = ……………… Millions

(3250 – 35000 – 3000)

B) Arrange in ascending order:

276 Th + 372 , 2 H.Th , 20 000 , 207 637 , 276 Th

………………… , ………………. , ……………….. , ……………… , …………………





Question 4:

A) Put > , < or =:

a- The smallest different 8-digit number ☐ The greatest 7-digit number

b- 730 th, 259 ☐ 730000259

c- 4 × 88 ×25 ☐ 20 × 45 × 5

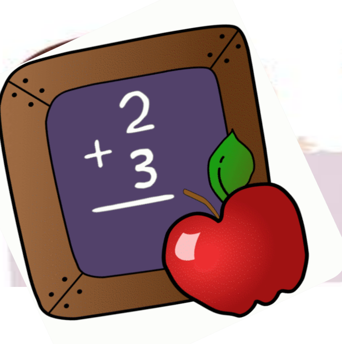
d- Measure of any angle in the square ☐ Measure of the right angle

e- The value of 7 in 367240948 ☐ 8360949 – 1120001

B) What's the number if 5 000 000 is subtracted from it the difference will be 8 000 000?

………





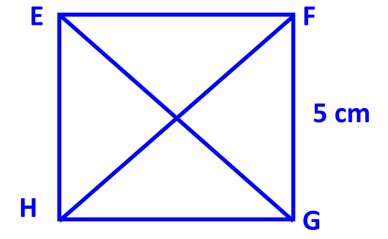




Question 5:

A) in the square EFGH in which EF = 5 cm, complete:

- $\overline{EF}$ ………… $\overline{EH}$ (// - ⊥)
- $\overline{EG}$ ………… $\overline{FH}$ (// - ⊥)
- $\overline{GH}$ ………… $\overline{FE}$ (// - ⊥)



B) Ahmed had 26 513 P.T. he went to the stationary and bought 13 Copy books with 565 P.T. each and 24 pens with 257 P.T. each. How much money was left with him?

………

………

………

………

C) What is the number that if multiplied by 12 the result will be 420 ?

………

………

Question 6:

Draw the Δ XYZ in which XY = 3 cm, YZ = 4 cm and m (∠ Y) = 80°
then find the length of $\overline{XZ}$.







Model Exam (3)

Question 1:

A) Solve:

a- Add 861472 to 538619

b- 75806 – ……………… = 46153

c- 821 × 53 = ……………………

d- 62550 ÷ 25 = ………………………

e- ………….÷ 8 = 5 , r = 1

Question 2:

A) Complete:

a- 7 milliard, 130 million, 14 thousand and two = ………………………

b- The rectangle has ………… equal sides and each 2 opposite sides are ……………............... .

c- The greatest different 9-digit number is ………………………………

d- 12600380 =…………………..+…………………+…………………..

e- The place value of 6 in 368295914 is ……………………

f- 123 × 25 × 40 =…………………….

g- 120°, 20° and 40° are the measure of the angles of the ……………………… triangle.



B) **Arrange in ascending order:**

The smallest similar 6-digit number , 78 Th and 103 , the value of 4 in 124 601 , (154 210 – 100 000) , 74 469 111

………………… , ………………… , ………………… , ………………… , …………………

Question 3:

B) **Put (✓) or (×) and correct the wrong statement :**

a- The diagonals of the rectangle are not equal ( )

b- 53500 is added to 72 153 to get 750 035 ( )

c- The two perpendicular lines on the same line are parallel ( )

d- The diagonal is the line segment joining two consecutive vertices ( )

e- The two diagonals of the square are perpendicular ( )

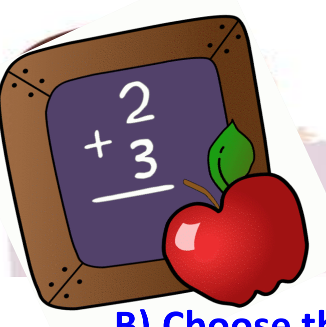
f- Two parallel straight lines are two non- intersecting straight lines ( )

g- The Hexagon has 5 sides and 5 vertices. ( )

Question 4:

A) A hotel has 192 rooms distributed equally among some floors, each floor has 16 rooms. How many floors are there in this hotel?

……………………………………………………………………………………………………

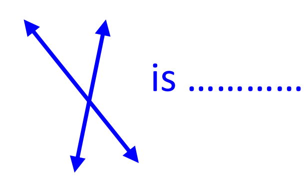




B) **Choose the correct answer:**

a- Any of the four angles formed from the intersection of two perpendicular straight lines is ……………. Angles

(obtuse - acute - right)

b- The relation between these 2 straight lines  is …………

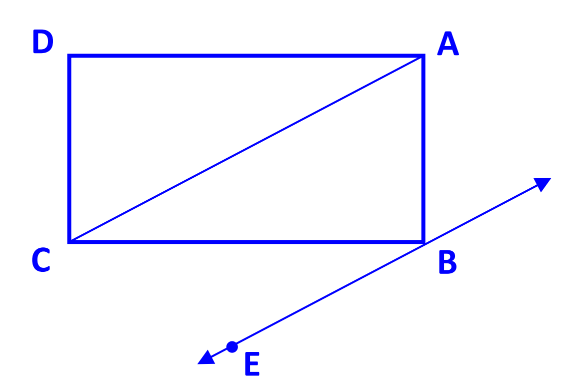
(intersecting and not perpendicular – perpendicular – parallel)

c- Forty seven million, two thousand and eleven = ……………………

(407 200 011 – 47 002 011 – 470 200 110)

Question 5:

A-In the opposite figure, complete:



a- The figure ABCD is called ………………

b- $\overline{AB}$ // ……………

c- $\overline{AB} \perp$ ……………

d- m ∠ ABC = m ∠ ……………… = ……………°

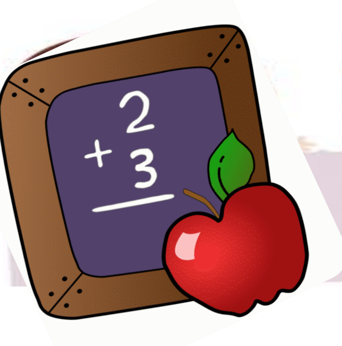
e- $\overline{AC}$ // ……………

f- $\overline{AD} \perp$ …………..

Question 6:

Draw △ KLM in which KL = 4 cm, KM = 7 cm and m (∠ K) = 65°









Model Exam (4)

Question 1:

A) Complete:

a- 3458392 + 60 million = ………………………

b- 90000000 – 519 thousand = ………………………..

c- 50 × 22 × 100 = ………………

d- 4809 ÷ 4 = ……………

e- The smallest similar 6-digits number is ……………….

f- 236400029 is read as ……………………………………………………………………

……………………………………………………………………………………………………

g- The place value of 2 in 3463219 is ……………… and its value is ………..

h- The diagonal of the rhombus are……………….and……………………

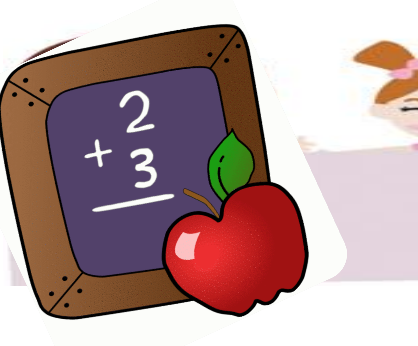
i- Five hundred thousand , and sixty nine is written as …………………………….

j- 60°, 70° and 50° are the measures of the angles of the ………………… triangle

B) Find the number that if it added to 83 453 the sum will be 829 564

……………………………………………………………………………………………………









Question 2:

A) Choose the correct answer:

a- The diagonals of the rectangle are ……………………

(⊥ – // – equal in length)

b- Square and ………………… have 4 equal sides.

(Rectangle – Parallelogram – Rhombus)

c- The value of 5 in 69539771.............

(500 000 – 5 000 000 – hundred thousands)

d- 75 mlr, 320 th, 002 = ………………………………

(75 000 320 002 – 75 320 002 – 75 320 002 000)

e- The two perpendicular straight lines form 4…………… angles.

(Right – obtuse – acute)

B) Put (✓) or (×) and correct the wrong statement:

a- The greatest number formed from 3 , 2 , 1 , 0 , 9 is 10239 (   )

b- The diagonals of the square are not perpendicular (   )

c- The diagonal is the line segment joining two consecutive vertices (   )

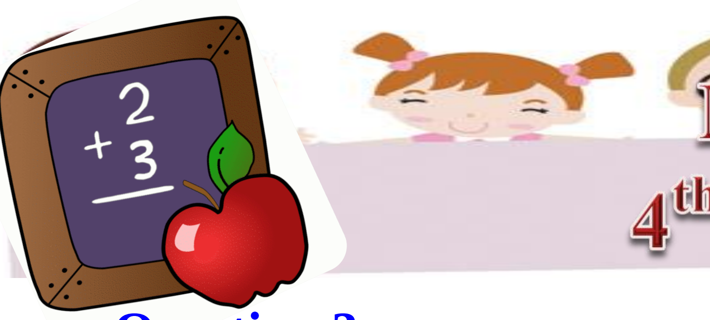
d- Perpendicular straight lines form 2 acute angles , 2 obtuse angle. (   )

e- The diagonals of the parallelogram are equal. (   )

f- The number of sides of any polygon is equal to the number of its vertices. (   )

g- The Hexagon has 5 sides (   )




Question 3:

A) **Put > , < or =:**

a- 730 × 5 ☐ 730 ÷ 5

b- 723648 ÷ 12 ☐ 60000 + 300 + 9

c- The value of 2 in 7,539,256 ☐ The value of 2 in 76,452,754

d- 7 Mlr + 7 th ☐ 7256120000

B) Draw Δ DEF in which DE = 5 cm , EF = 6 cm and m ($\angle$ E) = 135°.

What is type of the triangle according to the measures of its angles and the length of its sides

………

………

………



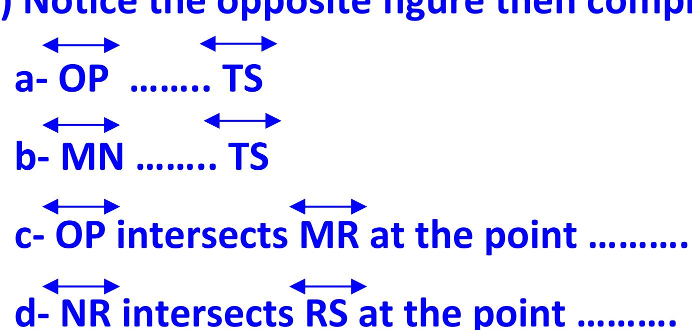
Question 4:

A) Maha bought a flat in a housing tower for 168940 pounds; she paid 100000 pounds as a down payment and the rest was divided on 18 equal installments. Find the value of each installment.

……

……

B) Notice the opposite figure then complete:

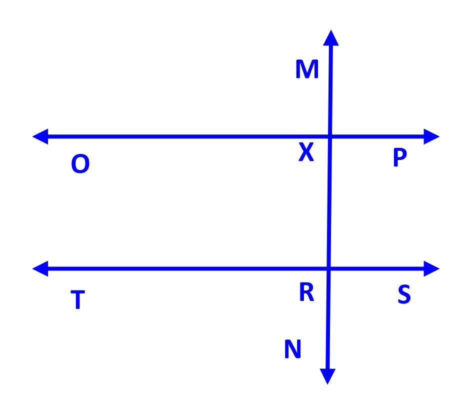


a- $\overleftrightarrow{OP}$ …….. $\overleftrightarrow{TS}$

b- $\overleftrightarrow{MN}$ …….. $\overleftrightarrow{TS}$

c- $\overleftrightarrow{OP}$ intersects $\overleftrightarrow{MR}$ at the point ……….

d- $\overleftrightarrow{NR}$ intersects $\overleftrightarrow{RS}$ at the point ……….



Question 5:

A) Write the following in terms of Millions:

a- 10 Milliards = ………………..

b- $2\frac{3}{4}$ Milliards = ……………………

c- $5\frac{1}{2}$ Milliards = ………………

B) Find the number that if divided by 10. The quotient is 4 and the remainder is 9.

……





Model Exam (5)

Question 1:

A- Find the result:

a- 5 923 437 + 4 329 767 = …………..

b- 74 732 957 – ………… = 29 379 328

c- 100million – 7235976 = …………

d- 927 × 46 = …………

e- 6407 ÷ 43 = …………

f- 72 × 50 × 40 =………………..

B- Complete:

a- 2 439 330 210 = ………………………………………………………………………..…

……………………………………………………………………………………………

…………………………………………………………………… (write in letters)

b- Two million, three hundred twenty eight thousands, four hundred and four = …………………… (write in digits)

c- 5 235 427 625 = …………Mlr + ………… M + ………… Th + …………

d- 5 239 620 = ………… + ………… + …………

e- Find the number if divided by 10, the quotient is 4 and the remainder is 9.

……………………………………………………………………………………………



Question 2:

A- Compare:

a- 750000	☐	$\frac{3}{4}$ Millions
b- The value 3 in 32 000 850	☐	The value 5 in 5 267 892
c- The value of 4 in 97304 Numbers	☐	The number of diagonals in any quadrilateral
d- The smallest 2 digit number	☐	5
e- 9 200 ÷ 4	☐	60 × 40
f- 34 286 + 72 893	☐	1 932 578

B- Put (✓) or (✗) and correct:

a- In the square each two opposite sides are parallel ( )

b- All the angles in the rectangle are obtuse ( )

c- In rectangle the two diagonals are equal and perpendicular ( )

d- The place value of 9 in 923 526 is thousands ( )

e- The angles of the rhombus are right angles ( )

f- Pentagon has 5 sides and 5 vertices. ( )

g- The Two perpendicular lines on the same line are intersecting lines.

( )





Question 3:

A- **Complete:**

a- $\frac{3}{4}$ Milliards = …………..

b- In the parallelogram each two opposite sides are …………… and the two diagonals are ……

c- ……… = 50 000 000 + 400 000 + 2

d- The rhombus has…………..equal sides and each opposite sides are…………..

e- 38571 ÷…………..43

B- Ahmed bought 45 meters of cloth, the price of each one meter is 392 L.E. Find the total price of the meters cloth

……………………………………………………………………………………………………….

Question 4:

A- **Arrange in ascending order:**

50 million ,	79 343 925 ,	43 921 785
…………… ,	……………… ,	………………

B- Write the smallest and the greatest number formed from 7, 5, 1, 0,8

The greatest = …………………

The smallest = …………………

C- Find the number of 270408 is subtracted from it, the will be 18 200 999.

……



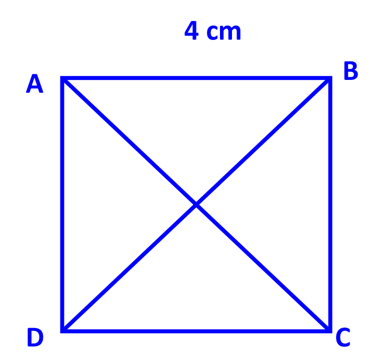
a) **Samir bought a T.V. with L.E. 1660 he paid 340 in cash and the rest of the price was divided on 24 equal installments. Find the value of each installment.**

………

………

Question 5:

A) Look to the opposite figure then complete:



1) $\overleftrightarrow{AB}$ = ………… = ………… = ………… = ……… cm

2) $\overleftrightarrow{AB}$ // ………… and $\overleftrightarrow{BC}$ // …………

3) $\overleftrightarrow{AB}$ ⊥ …………, $\overleftrightarrow{CD}$ ⊥ ………… and $\overline{BD}$ ⊥ …………

C) In the triangle ABC, if m (∠ A) = 90° and m (∠ B) = 50°,

then m (∠ C) = ……………………………………………………………

B) Draw △ ABC in which m (∠ B) = 60°, AB = BC = 4 cm then find:

a- The length of $\overline{AC}$. (using the ruler)

b- The type of the triangle according to the measures of its angles.

Answers

Model Exam (1)

Question 1:

a- 5 772 713

b- 500000000

c-

```
              0 2 0 4
        1 5 | 3 0 6 0
15 × 1 = 15 | _
15 × 2 = 30 | 3 0
15 × 3 = 45 | 0 0 6 0
15 × 4 = 60 |  _
15 × 5 = 75 |     6 0
            |     0 0
```

Divide.

Multiply.

Subtract.

Drop.

d-

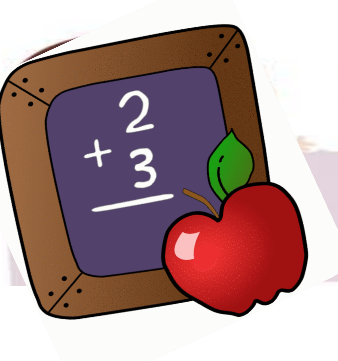
```
     1
     2
     5 6
 ×   3 4
   2 2 4
+ 1,6 8 0
  1,9 0 4
```

1- Multiply units.

2- Drop zero and cancel.

3- Multiply Tens.

4- Add the two products.









e- **80,000**

f- **7807300 – 3256712 = 4550588**

Question 2:

a- (✓)

b- (✓)

c- (×) million

d- (✓)

e- (×) 2

f- (×) two acute angles.

Question 3:

a- 800 tens

b- 10 482 000

c- 641 thousands.

d- 10

e- Right

f- Diagonals

Question 4:

A) The rest = 74,720 – 20,000 = 54720 pounds

The value of each installment = 54720 ÷ 12 = **4560 pounds**

```
          0 4 5 6 0
        ___________
   1 2 | 5 4 7 2 0
         4 8
         ---
           6 7
           6 0
           ---
             7 2
             7 2
             ---
           0 0 0
```

12 × 1 = 12
12 × 2 = 24
12 × 3 = 36
12 × 4 = 48
12 × 5 = 60
12 × 6 = 72
12 × 7 = 84
12 × 8 = 96
12 × 9 = 108

Divide.

Multiply.

Subtract.

Drop.

A) The answers: 763 219 , 700 th (700 000) , 635 th + 462 (635 462) , 9 million (9 000 000)

The arrange: 9 000 000 , 763 219 , 700 000 , 635 462

Question 5:

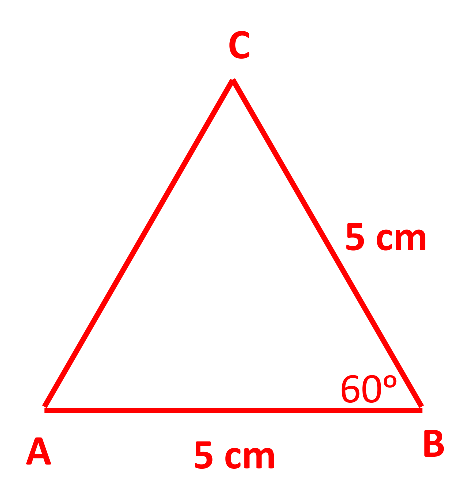
Complete:-

1) Two
2) 3 sides , 8 sides
3) Square and Rhombus
4) Fourteen million , two hundred eighty eight thousand, three hundred five .

Question 6:

a- The length of $\overline{AC}$ = 3 cm

b- Acute angled triangle – Equilateral triangle









Model Exam (2)

Question 1:

- **Find:**

a- equal , perpendicular

b- 725,000,000 + 360,000 + 218

c- 468,519,335 – 199,278 = 468,320,057

d- (2) × 33 × (50) = 3300 (2 × 50 = 100 , 100 × 33 = 3300)

e- Octagon – hexagon

f- 37 420 049

g- Isosceles triangle

h- Acute angles

Question 2:

- **Find the result of:**

a- 7,674,259

b-

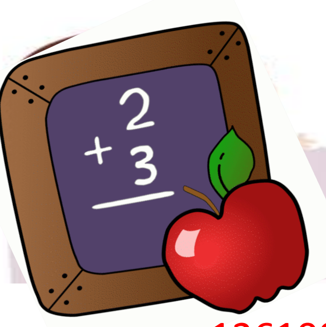
~~1 2 3~~

7 3 5 9
× 1 4

2 9,4 3 6
+ 7 3,5 9 0

1 0 3,0 2 6







c- 126100 ÷ 26 = 4850 (Finite division)

		0 0 4 8 5 0
	26	1 2 6 1 0 0
26 × 1 = 26		− 1 0 4
26 × 2 = 52		0 2 2 1
26 × 3 = 78		− 2 0 8
26 × 4 = 104		0 1 3 0
26 × 5 = 130		− 1 3 0
26 × 6 = 156		0 0 0 0
26 × 7 = 182		− 0
26 × 8 = 208		0
26 × 9 = 234		
26 × 10 = 260		

Divide.

Multiply.

Subtract.

Drop.

d- 9,999,999 – 1 = 9,999,998

e- 253 ÷ 11 = 23

Question 3:

A) Choose:

a- 47,002,011

b- Millions

c- 3250

B) The answer: 276372 , 200000 , 20000 , 207637 , 276000

The arrange: 20000 , 200000 , 207637 , 276000 , 276372

Question 4:

A) Put > , < or =:

a- 10,234,567 > 9,999,999

b- 730,259 < 730,000,259

c- 8800 > 4500

d- 90° = 90°

e- 7,000,000 < 7,240,948

B) 13 000 000 – 5 000 000 = 8 000 000 → 5 000 000 + 8 000 000 = 13 000 000

Question 5:

A) a- ⊥

B- ⊥

c- //

B) The price of the copybooks = 565 × 13 =7,345 P.T.

The price of the pens = 257 × 24 = 6,168 P.T.

He paid = 7,345 + 6,168 = 13,513 P.T.

The money left = 26,513 – 13,513 = 13,000 P.T.

C) ……35……. × 12 = 420 → 420 ÷ 12 = 35

1	12
2	24
3	36
4	48
5	60

0 3 5

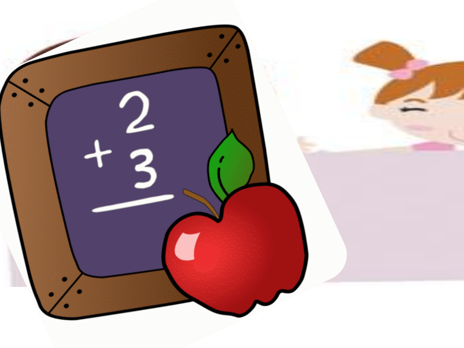
1 2) 4 2 0

− 3 6

0 6 0

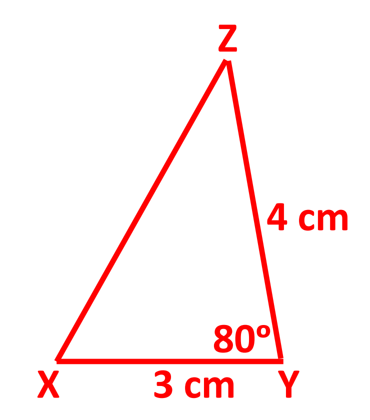
− 6 0

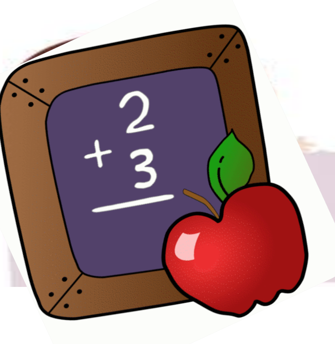
0 0



Question 5

xy = $4\frac{1}{2}$ cm











Model Exam (3)

Question 1:

- **Solve:**

a- 1,400,091

b- 29,653

c-

```
    1
    8 2 1
×     5 3
---------
  2,4 6 3
+ 4 1,0 5 0
---------
  4 3,5 1 3
```

d- 62550 ÷ 25 = **2502 ,**

```
              0 2 5 0 2
         ---------------
    2 5  |  6 2 5 5 0
25 × 1 = 25   | −
25 × 2 = 50   | 5 0
25 × 3 = 75   | 1 2 5
25 × 4 = 100  | −
25 × 5 = 125  | 1 2 5
25 × 6 = 150  | 0 0 0 5 0
25 × 7 = 175  |       −
25 × 8 = 200  |       5 0
25 × 9 = 225  |       0 0
```

e- 8 × 5 = 40 + 1 = 41



Question 2:

A) Complete:

- **a-** 7,130,014,002
- **b-** 4 - parallel
- **c-** 987 654 321
- **d-** 380 + 600,000 + 12,000,000
- **e-** Ten million
- **f-** 123 × (~~25 × 40~~ 1000) = 123,000
- **g-** Obtuse angled triangle

B) Arrange:

6 5 4 5 8

The answers: 111111 , 78103 , 4000 , 54210 , 74469111

The arrange: 4000 , 54210 , 78103 , 111111 , 74469111

Question 3:

- **Put (✓) or (×) and correct the wrong statment:**

- **a-** (×) equal
- **b-** (×) 125653
- **c-** (✓)
- **d-** (×) Non - consecutive
- **e-** (✓)
- **f-** (✓)
- **g-** (×)6 sides and 6 vertices.

Question 4:

A) The number of the floors = 192 ÷ 16 = 12 floors

0 1 2

16 ⟌ 1 9 2

− 1 6 ↓

0 3 2

− 3 2

0 0

16 × 1 = 16
16 × 2 = 32
16 × 3 = 48
16 × 4 = 64
16 × 5 = 80
16 × 6 = 96
16 × 7 = 112
16 × 8 = 128
16 × 9 = 144

A) Choose:

a- Right

b- Intersecting and not perpendicular

c- 47002011

Question 5:

a- Rectangle

b- $\overline{DC}$

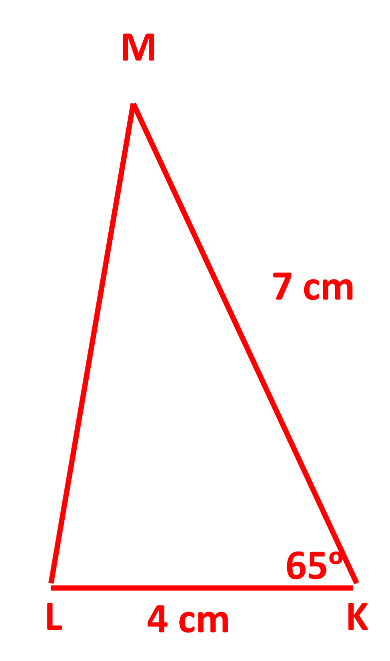
c- $\overline{BC}$

d- m ∠ BCD = 90°

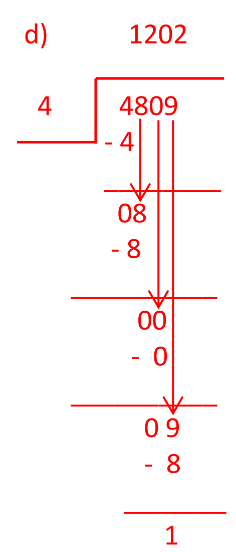
e- $\overline{BE}$

f- $\overline{AB}$ or $\overline{DC}$

Question 6:



Model Exam (4)



Question 1:

A) Complete:

a- 63 458 392

b- 89 481 000

c- 110 000 ⟶ (50 × 100 = 5000 , 5000 × 22 = 11000)

d- 1202, r = 1

e- 111111

f- Two hundred thirty six million, four hundred thousand, twenty nine.

g- Hundreds - 200

h- Bisect each other – perpendicular.

i- 500,069

j- Acute angled

B) 829 564 – 83 453 = 746 111

Question 2:

A) Choose:

a- Equal in length

b- Rhombus

c- 500 000

d- 75,000,320,002

e- Right.





B) Put (✓) or (×) and correct the wrong statement :

a- (×) 93210

b- (×) perpendicular , equal , bisect each other

c- (×) non consective

d- (×) Form 4 right angles

e- (×)

f- (✓)

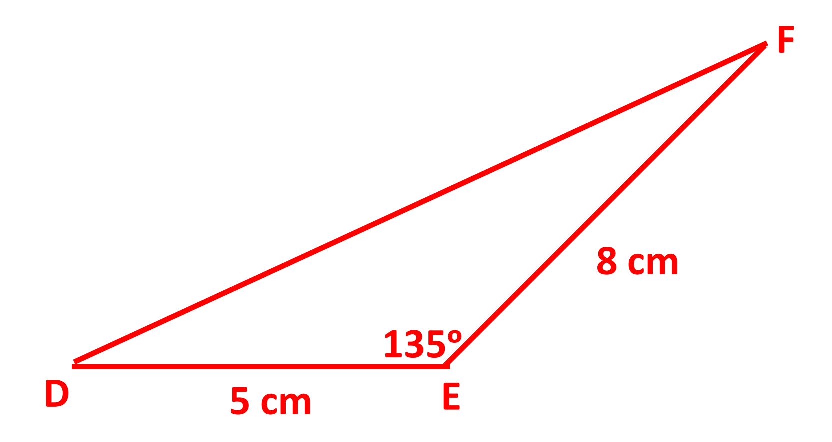
Question 3:

A) Put > , < or =:

a- 3,650	>	146
b- 60,304	<	60,309
c- 200	<	2000
d- 7,000,007,000	<	7,256,120,000

B) obtuse angled triangle

Scalene triangle



Question 4:

A) The rest = 168,940 – 100,000 = 68,940 pounds

The value of each installment = 68,940 ÷ 18 = **3,830 pounds**

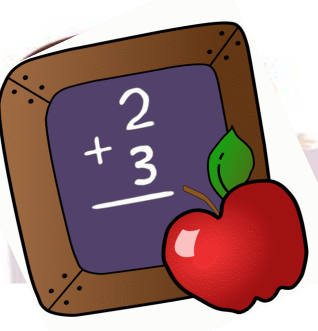
	0 3 8 3 0
1 8	6 8 9 4 0
18 × 1 = 18	–
18 × 2 = 36	5 4
18 × 3 = 54	1 4 9
18 × 4 = 72	–
18 × 5 = 90	1 4 4
18 × 6 = 108	0 0 5 4
18 × 7 = 126	–
18 × 8 = 144	5 4
18 × 9 = 162	0 0 0
	–
	0
	0

B) a- //

b- ⊥

c- X

d- R



Question 5:

A)

a- 10000 Millions

b- 2750 Millions

c- 5500 Millions

B) ....÷ 10 = 4 , r = 9

(10× 4) + 9 = 40 + 9 = 49

Model Exam (5)

Question 1:

A) Find the result :-

a- 10 253 204

b- 74 732 957 – 29 379 328 = 45 353 629

c- 100 000 000 – 87 235 976 = 92764024

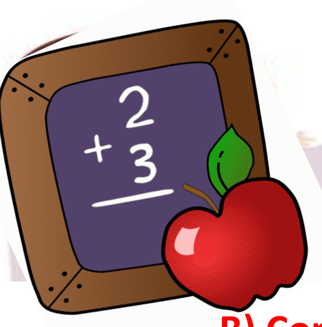
d-

```
    1 2
    1̶ 4̶
  9 2 7
×   4 6
-------
  5 5 6 2
3 7 0 8 0
---------
4 2 6 4 2
```

e- 149

f- 72 × (2000)= 144000

```
              0 1 4 9
         ____________
     4 3 | 6 4 0 7
43 × 1 = 43    − 4 3
43 × 2 = 86      2 1 0
43 × 3 = 129   − 1 7 2
43 × 4 = 172       3 8 7
43 × 5 = 215     − 3 8 7
43 × 6 = 258       0 0 0
43 × 7 = 301
43 × 8 = 344
43 × 9 = 387
```







B) Complete:-

a- Two milliard, four hundred thirty nine million, three hundred thirty thousands, two hundred and ten

b- 2 328 404

c- **5** Mlr + **235** M + **427** Th + **625**

d- 5 000 000 + 239 000 + 620

e- 49 ÷ 10 = 4 r = 9

10 × 4 = 40 + 9 = 49

Question 2:

A) Compare:-

a- 750000	=	750000
b- 30 000 000	>	5 000 000
c- 4	>	2
d- 10	>	5
e- 2 300	<	2 400
f- 107 179	<	1 932 578





B) Put (✓) or (✗) and correct:-

a- (✓)

b- (✗) right angle

c- (✗) they are equal but not perpendicular.

d- (✗) hundred thousands

e- (✗) square

f- (✓)

g- (✗) non intersecting lines.

Question 3:

A) Complete:-

a- 750 000 000

b- equal and parallel , bisect each other

c- 50 400 002

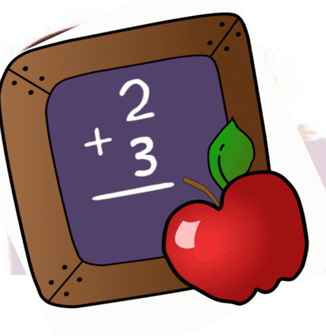
d- Four – equal and parallel.

e)

43	
1	43
2	86
3	129
4	172
5	215
6	258
7	301
8	344
9	387
10	430

00897

43) 3 8 5 7 1
- 3 4 4
4 1 7
- 3 8 7
3 0 1
- 3 0 1
0 0 0





B)

The total price of cloth = 392 × 45 = 17 640 L.E.

Question 4:

A) The answers: 50 000 000 , 79 343 925 , 43 921 785

The arrange: 43 921 785 , 50 000 000 , 79 343 925

B) The greatest = 87510

The smallest = 10578

B S S

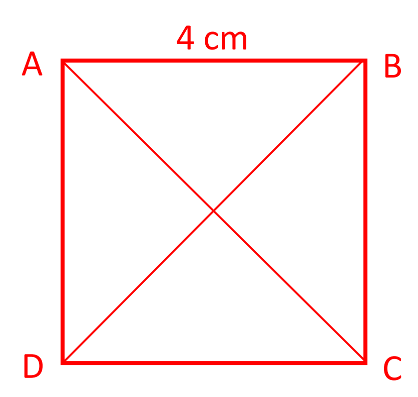
c) ………………- 270408 = 18 200 999

18 200 999 + 270408 = 18471407

d) The rest of money = 1 660 – 340 = 1 320 L.E.

The value of each installment = 1 320 ÷ 24 = 55 L.E.

Question 5: A)



a- $\overline{BC} = \overline{CD} = \overline{DA}$ = 4 cm

b- $\overleftrightarrow{DC}$, $\overleftrightarrow{AD}$

c- $\overleftrightarrow{BC}$, $\overleftrightarrow{DA}$, $\overleftrightarrow{AC}$

B) 90° + 50° = 140° → 180° - 140° = 40°



C)

a- 4 cm

b- acute angled triangle

